DT03 Rec'd PCT/PT0

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTTORNEY'S DOCKET NUMBER TU-2007US02

U.S. APPLICATION ND. Anknown, see 37 CFP-1.5

CONCERNING A SUBMISSIO	ON UNDER 35 U.S.C. 371	60/387,325 IU/51/58/							
INTERNATIONAL APPLICATION NO. PCT/US03/18164	INTERNATIONAL FILING DATE June 10, 2003	PRIORITY DATE CLAIMED June 10, 2002							
TITLE OF INVENTION TOTAL ORGANIC CARBON (TOC)	ANALYZER								
APPLICANT(S) FOR DO/EO/US									
TRUSTEES OF TUFTS COLLEGE	AND SAMUEL P. KOUNAVES								
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. Via This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2. This is a SECOND or SUBSEQUENT	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. The US has been elected (Article 31).									
5. A copy of the International Application	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
a. is attached hereto (required	a. I is attached hereto (required only if not communicated by the International Bureau).								
b. has been communicated by	b. has been communicated by the International Bureau.								
c. v is not required, as the appl	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).									
a. Lis attached hereto.									
b. L has been previously submi	itted under 35 U.S.C. 154(d)(4).								
7. Amendments to the claims of the Inte	ernational Application under PCT Article 19	(35 U.S.C. 371(c)(3))							
a. $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	a. are attached hereto (required only if not communicated by the International Bureau).								
b. have been communicated	by the International Bureau.								
c. Have not been made; how	rever, the time limit for making such amendr	nents has NOT expired.							
d. Have not been made and	will not be made.								
	ne amendments to the claims under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3)).							
9. An unexecuted oath or declaration of	f the inventor(s) (35 U.S.C. 371(c)(4)).								
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT							

Items 11 to 20 below concern document(s) or information included:

An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

A preliminary amendment.

An Application Data Sheet under 37 CFR 1.76.

A substitute specification.

A power of attorney and/or change of address letter.

17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. L Other items or information:

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-1390 (Rev. 12-2004)
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LICATION NO. (if known, see 37 CFR 1.5)
INTERNATIONAL ARRIVATIONAL ARRIVATIO

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.				ATTORNEY'S DOCKET NUMBER				
60/387,325 10/51758 ACT/US03/18164					TU-2007US02			
21. The following fees are submitted:								
a) Basic national fee\$300.00					\$			
b) Examination fee\$200.00					\$			
c) Search fee\$500.00					\$			
TOTAL OF ABOVE CALCULATIONS = \$1000.00					\$ 1,000			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra sheets		Number of each additional 50 or fraction thereof (round up to a whole number)					
- 100 =	/50 =				× \$250.00	\$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$			
CLAIMS	NUMBER FIL	.ED	NUMBER EXTRA		RATE	\$		
Total claims	13	- 20 =	0	х	\$50.00	\$ O		
Independent clai	ims 3	- 3 =	0	X	\$200.00	\$ 0		
MULTIPLE DEP	ENDENT CLAIM(S) (if ap	plicable)		+	\$360.00	\$		
TOTAL OF ABOVE CALCULATIONS =					\$ 1,000			
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				re reduced	\$ 500			
SUBTOTAL =				SUBTOTAL =	\$ 500			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$			
TOTAL NATIONAL FEE =					\$			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$			
TOTAL FEES ENCLOSED =					\$ 500			
				Amount to be refunded:	\$			
					Amount to be charged:	\$		
a. 🗹 A chec	ck in the amount of \$50	00	to cover the abo	ve fee	s is enclosed.			
b. Please charge my Deposit Account No. 500282 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.								
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No500282 . A duplicate copy of this sheet is enclosed.								
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be Included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL COR	RESPONDENCE TO:							
Kevin M. Farrell				anny				
Pierce Atwood SIGNATURE				SIGNATURE				
One New Hampshire Avenue, Suite 350 Portsmouth, NH 03801				Kevin M. Farrell				
US								
				ON NUMBER				
REGISTRATION NUMBER								